

Appendix table 3-9

Bachelor's degrees awarded to U.S. citizens and permanent residents, by S&E field and race/ethnicity: 1990–98

(Percent)

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Race/ethnicity and field	1990	1991	1992	1993	1994	1995	1996	1997	1998
U.S. citizens and permanent residents, all fields.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total science and engineering.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Physical sciences ^a	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Mathematics.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Computer science.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agricultural sciences.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Biological sciences.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Psychology.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Social sciences.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Engineering.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Whites, non-Hispanic, all fields.....	82.7	82.8	82.2	81.2	79.9	78.5	77.4	76.5	75.6
Total science and engineering.....	81.0	80.9	80.2	79.3	78.0	76.6	75.5	74.2	73.2
Physical sciences ^a	83.6	83.2	83.1	82.4	82.1	80.2	78.7	78.3	77.0
Mathematics.....	83.1	82.0	82.2	81.5	80.0	78.6	77.7	76.8	76.0
Computer science.....	73.8	74.2	73.6	72.5	71.3	69.4	69.6	68.0	66.9
Agricultural sciences.....	91.7	92.0	91.2	92.0	90.8	89.9	89.3	89.1	88.4
Biological sciences.....	77.5	77.0	75.9	75.2	74.3	73.2	72.0	71.3	69.9
Psychology.....	82.5	82.7	82.2	80.9	79.6	78.0	76.8	75.1	74.0
Social sciences.....	82.5	82.4	81.4	80.3	78.4	77.0	75.5	74.1	73.2
Engineering.....	79.4	78.4	78.1	77.1	76.5	74.7	73.9	72.4	72.1
Asians/Pacific Islanders, all fields.....	3.7	3.9	4.2	4.4	4.8	5.2	5.5	5.9	6.0
Total science and engineering.....	5.8	6.0	6.2	6.5	6.9	7.6	7.9	8.4	8.7
Physical sciences ^a	6.0	6.2	6.1	6.5	6.2	7.2	8.1	8.5	8.9
Mathematics.....	6.2	6.4	6.0	6.4	6.7	7.3	7.4	7.1	7.2
Computer science.....	8.4	8.6	9.1	10.1	10.1	10.6	11.0	12.0	12.7
Agricultural sciences.....	1.5	1.5	1.5	1.4	1.3	2.0	1.9	2.3	2.5
Biological sciences.....	8.7	9.1	10.3	10.9	11.7	12.7	13.1	13.4	13.5
Psychology.....	3.0	3.2	3.4	3.8	4.0	4.6	5.0	5.5	5.8
Social sciences.....	3.7	3.8	4.2	4.4	4.9	5.4	5.7	6.1	6.5
Engineering.....	10.1	10.8	10.9	11.0	11.2	11.6	11.7	12.3	12.5
Blacks, non-Hispanic, all fields.....	5.7	6.0	6.4	6.7	7.2	7.5	7.8	8.0	8.3
Total science and engineering.....	5.5	5.8	6.2	6.5	6.9	7.1	7.4	7.7	7.9
Physical sciences ^a	4.2	4.8	5.0	4.9	5.2	5.5	5.7	5.8	6.0
Mathematics.....	5.1	5.7	6.3	6.7	7.2	7.6	7.8	8.7	8.7
Computer science.....	8.8	8.5	9.1	9.9	10.8	11.2	10.9	10.3	10.4
Agricultural sciences.....	2.0	1.9	2.0	1.9	2.1	1.8	2.2	2.2	2.4
Biological sciences.....	5.4	5.4	5.6	5.9	5.8	5.8	6.3	6.5	6.9
Psychology.....	5.9	6.3	6.6	7.0	7.6	8.0	8.3	9.0	9.3
Social sciences.....	6.1	6.5	6.9	7.4	8.0	8.4	8.8	9.2	9.2
Engineering.....	3.5	3.9	4.1	4.4	4.6	4.9	5.1	5.3	5.4

See explanatory information and SOURCE at end of table.

Appendix table 3-9

Bachelor's degrees awarded to U.S. citizens and permanent residents, by S&E field and race/ethnicity: 1990–98

(Percent)

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Race/ethnicity and field	1990	1991	1992	1993	1994	1995	1996	1997	1998
Hispanics, all fields.....	4.2	4.5	4.7	5.0	5.5	5.9	6.2	6.5	6.7
Total science and engineering.....	4.2	4.5	4.8	4.9	5.4	5.8	6.1	6.4	6.7
Physical sciences ^a	3.3	3.4	3.3	3.5	4.1	4.3	4.5	4.5	4.8
Mathematics.....	2.9	3.4	3.4	3.3	3.9	4.1	4.6	4.7	5.4
Computer science.....	4.2	5.2	5.1	4.9	5.1	5.8	5.8	5.5	5.7
Agricultural sciences.....	2.6	2.5	2.1	1.9	2.6	2.6	3.1	3.2	3.5
Biological sciences.....	5.7	5.8	5.8	5.7	5.7	5.6	5.8	6.0	6.5
Psychology.....	4.5	4.7	5.1	5.4	5.8	6.3	6.9	7.2	7.5
Social sciences.....	3.9	4.2	4.8	5.0	5.7	6.0	6.4	6.9	7.2
Engineering.....	4.2	4.5	4.7	5.1	5.4	6.2	6.4	7.2	7.3
American Indians/Alaskan Natives, all fields.....	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7
Total science and engineering.....	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6
Physical sciences ^a	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
Mathematics.....	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.6
Computer science.....	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.4
Agricultural sciences.....	0.7	0.6	0.6	0.6	0.8	0.8	0.8	0.9	0.9
Biological sciences.....	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
Psychology.....	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.7
Social sciences.....	0.4	0.4	0.5	0.6	0.6	0.6	0.7	0.7	0.7
Engineering.....	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4
Unknown race/ethnicity, all fields.....	3.2	2.4	2.1	2.1	2.2	2.4	2.4	2.5	2.7
Total science and engineering.....	3.1	2.5	2.2	2.2	2.3	2.4	2.5	2.6	2.8
Physical sciences ^a	2.4	2.0	2.2	2.1	2.0	2.3	2.3	2.4	2.8
Mathematics.....	2.4	2.2	1.7	1.7	1.9	2.0	2.1	2.2	2.3
Computer science.....	4.5	3.1	2.7	2.2	2.3	2.5	2.4	3.7	4.0
Agricultural sciences.....	1.4	1.3	2.7	2.3	2.3	2.8	2.6	2.3	2.4
Biological sciences.....	2.3	2.3	2.1	1.9	2.0	2.2	2.2	2.3	2.5
Psychology.....	3.7	2.6	2.2	2.4	2.4	2.4	2.3	2.5	2.6
Social sciences.....	3.4	2.7	2.3	2.4	2.4	2.6	2.9	3.0	3.1
Engineering.....	2.6	2.2	1.9	2.0	2.1	2.2	2.5	2.3	2.3

^aIn this table, the physical sciences include the earth, atmospheric, and ocean sciences, as well as physics, astronomy, and chemistry. See notes for more information.

NOTES: Racial/ethnic data for degree recipients were collected on broad fields of study only until 1994; thus, the trend data could not be adjusted to the exact field taxonomies used by the National Science Foundation.

SOURCE: Tabulations by National Science Foundation, Division of Science Resources Statistics; data from U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, various years.